

## Vortragsplan Bachelor

Datum/Date	Vortrag/Talk	Vortragender/Speaker
	To be determined	

## Vortragsplan master



For a comprehensive overview of how to prepare talks in a scientific context, see:

1. [this presentation](#)
2. [this checklist](#)

Date	Talk		Speaker									
13.10.	Organization Meeting											
20.10.	How to give a seminar talk. Astro-Quiz		Margaritis Chatzis									
27.10.	Astro-Quiz											
10.11. (I)	Stars: spectral types, evolutionary tracks, and isochrones on the HRD and CMD		Giorgia Tiozzo									
17.11. (I)	Spectroscopy - different types of spectrographs and basic principles. OST		Ojasbi Badal									
17.11. (II)	N2: Description of the observation, data reduction, and data analysis		Florian Meier									
24.11. (I)	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinurm		Madison Liebel									
24.11. (II)	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements		Elias Hesse									
01.12. (I)	Radial velocity measurements in application to rotation, binary stars, and exoplanets		Tejaswi Varma									
01.12. (II)	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry		Darren Hunt									
08.12. (I)	Principles of optical telescopic observations I. - reflectors, magnification, aberrations. OST		Ruchika Rani									
08.12. (II)	Principles of optical telescopic observations II. - astronomical coordinates, telescope mounts, astroclimate. OST		Prabhu Reshmi									
08.12. (III)	Types of optical telescopes III. - Newtonian, Cassegrain, Schmidt - advantages and disadvantages. OST		Tim Baier									
15.12. (I)	Methods to determine stellar mass		Jaskirat Singh									
15.12. (II)	Largest optical telescopes: current facilities and near future		Colton Michael Burross									
<b>Master Program - Summer Semester 2025 - Talks</b>												
<b>Real name</b>	10.11. (I)	10.11. (II)	17.11. (I)	17.11. (II)	24.11. (I)	24.11. (II)	01.12. (I)	01.12. (II)	08.12. (I)	08.12. (II)	15.12. (I)	15.12. (II)
Colton Michael Burross (I)												✔

